

Form PTO-1449 (Modified)

Atty. Docket No.
27/186Application No.
09/824,045INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)RECEIVED
MAR 01 2002
Technology Center 2600Filing Date:
3 April 2001Group Art Unit:
2173

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA	KV	5,818,437		Grover et al	345	811	
AB							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
AC							
AD							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AE	KV	'Direct Manipulation' as described by Schneiderman, B., in <i>The Future of Interactive Systems and The Emergence of Direct Manipulation</i> , Behavior and Information Technology 1, 1982, 237-256
AF		Myers, B.A., in Brief History of Human Computer Interaction Technology, ACM Interactions, 5(2), March 1998, 44-54
AG		'Perceptual User Interfaces' paradigm as described by Turk, M. and Robertson, G., in Perceptual User Interfaces, Communications of the ACM, March 2000, 43(3), 33-34.
AH		Hutchins et. al., in Direct Manipulation Interfaces, User Centered System Design: New Perspectives on Human-computer Interaction, Norman, D.A. and Draper, S.W. (eds.), Lawrence Erlbaum, New Jersey, USA, 1986, 87-124.
AI		Jacob, R.J.K., in A Specification Language for Direct Manipulation User Interfaces, ACM Transactions on Graphics, 5(4), 1986, 283-317.
AJ		Draper, S.W., in Display Managers as the Basis for User-Machine Communication, User Centered System Design: New Perspectives on Human-computer Interaction, Norman, D.A. and Draper, S.W. (eds.), Lawrence Erlbaum, NJ, USA, 1986, 339-352.
AK		Buxton, B., in <i>HCI and the Inadequacies of Direct Manipulation Systems</i> , SIGCHI Bulletin, 25(1), 1993, 21-22.
AL	KV	Bolt, R.A., in Put-That-There: Voice and Gesture at the Graphics Interface, Computer Graphics, 14(3), 1980, 262-270

EXAMINER

Kieu Vu

DATE CONSIDERED

10/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

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				Applicant: Noy et al	MAR 01 2002	Technology Center 2000	
				Filing Date: 3 April 2001	Group Art Unit: 2173		
U.S. PATENT DOCUMENTS							
	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME RECEIVED	CLASS	SUB-CLASS	FILING DATE
BA				MAR 01 2002			
BB				Technology Center 2100			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BC							YES NO
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
BD	KV	Kobsa et al., in <i>Combining Deictic Gestures and Natural Language for Referent Identification</i> , Proceedings of the 11th International Conference on computational Linguistics, Bonn, West Germany, 1986, 356-361					
BE		Foley, J.D. et al. in Computer Graphics: Principles and Practice, Addison-Wesley, Reading, MA, USA, 1990,					
BF		Perez, M.A. and Sibert, J.L., in <i>Focus in Graphical User Interfaces</i> , Proceedings of the ACM International Workshop on Intelligent User Interfaces, Addison-Wesley/ACM Press, FL, USA, 1993					
BJ		Jacob, R.J.K., in <i>Natural Dialogue in Modes Other than Natural Language</i> , Dialogue and Instruction, Reun, R.J., Baker, M., and Reiner, M. (eds.), Springer-Verlang, Berlin, 1995, 289-301.					
BH		Saund, E. and Moran, T.P., in A Perceptually Supported Sketch Editor, Proceedings of the ACM Symposium on UI software and Technology, UIST, CA, USA, 1994, and in Perceptual Organization in an Interactive Sketch Editing Application, ICCV, 1995.					
BI		Thorisson, K.R., in Simulated Perceptual Grouping: An Application to Human-Computer Interaction, Proceedings of the Sixteenth annual Conference of the Cognitive Science Society, Atlanta, GA, USA, August 13-16, 1994, 876-881.					
BJ		Oviatt, S. and Cohen, P., in Multidomal Interfaces That Process What Comes Naturally, Communications of the ACM, 43(3), March, 2000, 45-53.					
BK	KV	Streit, M., in <i>Interaction of Speech, Deixis and Graphical Interface</i> , Proceeding of the workshop on Deixis, Demonstration and Deictic Belief, held on occasion of Esslli XI, August, 1999.					
EXAMINER <i>Kieu Vu</i>				DATE CONSIDERED		10/20/03	
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CA					MAR 01 2002			
CB				Technology Center 2100				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
CC							YES NO	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
CD	KV	Plamondon, R. and Alimi, A.M., in <i>Speed/accuracy Tradeoffs In Target-directed Movements</i> , Behavioral and Brain Sciences 20(2), 1997, 279-349.						
CE		Fitts, P.M., in <i>The Information Capacity of the Human Motor System in Controlling the Amplitude of Movement</i> , Journal of Experimental Psychology, 47(6), 1954, 381-391,						
CG		'Iterative Corrections Model' described by Crossman, E.R.F.W. and Goodeve, P.J., in <i>Feedback Control of Hand-Movement and Fitts' Law</i> , Quarterly Journal of Experimental Psychology, 35A, 1963/1983, 251-278						
CF		'Impulse Variability Model', proposed by Schmidt et al., in <i>Motor Output Variability: A theory for the Accuracy of Rapid Motor Acts</i> , Psychological Review, 86, 1979, 415-451						
CG		'Optimized Initial Impulse Model' proposed by Meyer et al., in <i>Optimality in Human Motor Performances: Ideal Control of Rapid Aimed Movements</i> , Psychological Review, 95, 1988, 340-370						
CH		MacKenzie, I.S., in <i>Movement Time Prediction in Human-Computer Interfaces</i> , Readings In Human-Computer Interaction, 2nd edition, Baecker, R.M., Buxton, W.A.S., Gurdin, J. and Greenberg, S., (eds.), Los Altos, CA, USA: Kaufmann, 1995, 483-493.						
CI		MacKenzie, I.S. and Buxton, W., in <i>Extending Fitts' Law to Two-Dimensional Tasks</i> , Proceedings of the CHI'92 Conference on Human Factors in Computing Systems, New York: ACM, USA, 1992, 219-226						
CJ		Taylor, F.V. and Birmingham, H.P., in <i>The Acceleration Pattern of Quick Manual Corrective responses</i> , Journal of Experimental Psychology, 38, 1948, 783-795,						
CK	KV	Beggs, W.D.A. and Howarth, C.I., in <i>The Movement of the Hand Towards a Target</i> , Quarterly Journal of Experimental Psychology, 24, 1972, 448-453.						
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